

# RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/576,690A  
Source: CTWD  
Date Processed by STIC: 2/8/09

# **ENTERED**



IFWO

**RAW SEQUENCE LISTING** DATE: 02/08/2007  
**PATENT APPLICATION:** US/10/576,690A **TIME:** 15:01:16

Input Set : N:\efs\02\_08\_07\10576690A\_efs\10576690\_SeqListing.txt  
Output Set: N:\CRF4\02082007\J576690A.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
4       McSwiggen, James  
5       Chowrira, Bharat  
6       Haeberli, Peter  
8 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of NOGO And NOGO Receptor  
9       Gene Expression Using Short Interfering Nucleic Acid (siNA)  
11 <130> FILE REFERENCE: 400/232 (MBHB00-878-J4)  
13 <140> CURRENT APPLICATION NUMBER: US 10/576,690A  
C--> 14 <141> CURRENT FILING DATE: 2006-04-21 *See P. 6*  
16 <150> PRIOR APPLICATION NUMBER: PCT/US04/026930  
17 <151> PRIOR FILING DATE: 2004-08-20  
19 <150> PRIOR APPLICATION NUMBER: US 10/430,882  
20 <151> PRIOR FILING DATE: 2003-05-06  
22 <150> PRIOR APPLICATION NUMBER: PCT/US02/10512  
23 <151> PRIOR FILING DATE: 2002-04-03  
25 <150> PRIOR APPLICATION NUMBER: US 09/827,395  
26 <151> PRIOR FILING DATE: 2001-04-05  
28 <150> PRIOR APPLICATION NUMBER: US 09/780,533  
29 <151> PRIOR FILING DATE: 2001-02-09  
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32 <151> PRIOR FILING DATE: 2001-02-09  
34 <150> PRIOR APPLICATION NUMBER: US 60/181,797  
35 <151> PRIOR FILING DATE: 2000-02-11  
37 <150> PRIOR APPLICATION NUMBER: PCT/US04/16390  
38 <151> PRIOR FILING DATE: 2004-05-24  
40 <150> PRIOR APPLICATION NUMBER: US 10/826,966  
41 <151> PRIOR FILING DATE: 2004-04-16  
43 <150> PRIOR APPLICATION NUMBER: US 10/757,803  
44 <151> PRIOR FILING DATE: 2004-01-14  
46 <150> PRIOR APPLICATION NUMBER: US 10/720,448  
47 <151> PRIOR FILING DATE: 2003-11-24  
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50 <151> PRIOR FILING DATE: 2003-10-23  
52 <150> PRIOR APPLICATION NUMBER: US 10/444,853  
53 <151> PRIOR FILING DATE: 2003-05-23  
55 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346  
56 <151> PRIOR FILING DATE: 2003-02-20  
58 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028  
59 <151> PRIOR FILING DATE: 2003-02-20  
61 <150> PRIOR APPLICATION NUMBER: US 60/358,580  
62 <151> PRIOR FILING DATE: 2002-02-20  
64 <150> PRIOR APPLICATION NUMBER: US 60/363,124  
65 <151> PRIOR FILING DATE: 2002-03-11

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67 <150> PRIOR APPLICATION NUMBER: US 60/386,782  
68 <151> PRIOR FILING DATE: 2002-06-06  
70 <150> PRIOR APPLICATION NUMBER: US 60/406,784  
71 <151> PRIOR FILING DATE: 2002-08-29  
73 <150> PRIOR APPLICATION NUMBER: US 60/408,378  
74 <151> PRIOR FILING DATE: 2002-09-05  
76 <150> PRIOR APPLICATION NUMBER: US 60/409,293  
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79 <150> PRIOR APPLICATION NUMBER: US 60/440,129  
80 <151> PRIOR FILING DATE: 2003-01-15  
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83 <151> PRIOR FILING DATE: 2004-04-30  
85 <150> PRIOR APPLICATION NUMBER: US 10/780,447  
86 <151> PRIOR FILING DATE: 2004-02-13  
88 <150> PRIOR APPLICATION NUMBER: US 10/427,160  
89 <151> PRIOR FILING DATE: 2003-04-30  
91 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876  
92 <151> PRIOR FILING DATE: 2002-05-17  
94 <150> PRIOR APPLICATION NUMBER: US 60/292,217  
95 <151> PRIOR FILING DATE: 2001-05-18  
97 <150> PRIOR APPLICATION NUMBER: US 60/362,016  
98 <151> PRIOR FILING DATE: 2002-03-06  
100 <150> PRIOR APPLICATION NUMBER: US 60/306,883  
101 <151> PRIOR FILING DATE: 2001-07-20  
103 <150> PRIOR APPLICATION NUMBER: US 60/311,865  
104 <151> PRIOR FILING DATE: 2001-08-13  
106 <150> PRIOR APPLICATION NUMBER: US 10/727,780  
107 <151> PRIOR FILING DATE: 2003-12-03  
109 <150> PRIOR APPLICATION NUMBER: US 60/543,480  
110 <151> PRIOR FILING DATE: 2004-02-10  
112 <160> NUMBER OF SEQ ID NOS: 324  
114 <170> SOFTWARE: PatentIn version 3.3  
116 <210> SEQ ID NO: 1  
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118 <212> TYPE: RNA  
119 <213> ORGANISM: Artificial Sequence  
121 <220> FEATURE:  
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
123 sense region  
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126 cggaaacgacu uucaguccc  
129 <210> SEQ ID NO: 2  
130 <211> LENGTH: 19  
131 <212> TYPE: RNA  
132 <213> ORGANISM: Artificial Sequence  
134 <220> FEATURE:  
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
136 sense region  
138 <400> SEQUENCE: 2

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## RAW SEQUENCE LISTING

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145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
149     sense region
151 <400> SEQUENCE: 3
152 ccccuacgau gaagaggc                                     19
155 <210> SEQ ID NO: 4
156 <211> LENGTH: 19
157 <212> TYPE: RNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
162     sense region
164 <400> SEQUENCE: 4
165 cguccgcugg agggagcc                                     19
168 <210> SEQ ID NO: 5
169 <211> LENGTH: 19
170 <212> TYPE: RNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
175     sense region
177 <400> SEQUENCE: 5
178 ggcugcuggc augggugc                                     19
181 <210> SEQ ID NO: 6
182 <211> LENGTH: 19
183 <212> TYPE: RNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
188     sense region
190 <400> SEQUENCE: 6
191 uguggcugca ggccuggca                                    19
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 19
196 <212> TYPE: RNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
201     sense region
203 <400> SEQUENCE: 7
204 agguggcagc cccaugccc                                    19
207 <210> SEQ ID NO: 8
208 <211> LENGTH: 19
209 <212> TYPE: RNA

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210 <213> ORGANISM: Artificial Sequence  
212 <220> FEATURE:  
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
214 sense region  
216 <400> SEQUENCE: 8  
217 caggugccug cguaugcua 19  
220 <210> SEQ ID NO: 9  
221 <211> LENGTH: 19  
222 <212> TYPE: RNA  
223 <213> ORGANISM: Artificial Sequence  
225 <220> FEATURE:  
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
227 sense region  
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230 acaaauagagcc caaggugac 19  
233 <210> SEQ ID NO: 10  
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236 <213> ORGANISM: Artificial Sequence  
238 <220> FEATURE:  
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
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246 <210> SEQ ID NO: 11  
247 <211> LENGTH: 19  
248 <212> TYPE: RNA  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
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253 sense region  
255 <400> SEQUENCE: 11  
256 agggccugca ggcugugcc 19  
259 <210> SEQ ID NO: 12  
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261 <212> TYPE: RNA  
262 <213> ORGANISM: Artificial Sequence  
264 <220> FEATURE:  
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
266 sense region  
268 <400> SEQUENCE: 12  
269 ccguggggcau cccugcugc 19  
272 <210> SEQ ID NO: 13  
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274 <212> TYPE: RNA  
275 <213> ORGANISM: Artificial Sequence  
277 <220> FEATURE:  
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA  
279 sense region

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292     sense region
294 <400> SEQUENCE: 14
295 ugcacggcaa ccgcaucuc
298 <210> SEQ ID NO: 15
299 <211> LENGTH: 19
300 <212> TYPE: RNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
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307 <400> SEQUENCE: 15
308 cgcaugugcc agcugccag
311 <210> SEQ ID NO: 16
312 <211> LENGTH: 19
313 <212> TYPE: RNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
318     sense region
320 <400> SEQUENCE: 16
321 gcuuccgugc cugcccaa
324 <210> SEQ ID NO: 17
325 <211> LENGTH: 19
326 <212> TYPE: RNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
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331     sense region
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334 accucaccau ccuguggcu
337 <210> SEQ ID NO: 18
338 <211> LENGTH: 19
339 <212> TYPE: RNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
344     sense region
346 <400> SEQUENCE: 18
347 ugcacucgaa ugugcuggc
350 <210> SEQ ID NO: 19
351 <211> LENGTH: 19

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RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 02/08/2007  
PATENT APPLICATION: US/10/576,690A                    TIME: 15:01:17

*FYI*  
Input Set : N:\efs\02\_08\_07\10576690A\_efs\10576690\_SeqListing.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:303; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:304; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:305; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:306; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:307; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:308; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:309; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:310; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#:311; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

VERIFICATION SUMMARY DATE: 02/08/2007  
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Output Set: N:\CRF4\02082007\J576690A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:7440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0  
L:7476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0  
L:7512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0  
L:7554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0  
L:7598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307 after pos.:0  
L:7640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0  
L:7684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0  
L:7727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:310 after pos.:0  
L:7769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311 after pos.:0